

INDIVIDUAL CASE STUDY (CASE CODE: 4)

DIAGNOSTICS COMMITTEE

PARTICIPANT GUIDELINES

- Event will be presented to you through your reading of CURIS Skills, CURIS Knowledge and Case Details
- Each case study must be completed individually and should take approximately 1 hour
- You should take approximately 10 minutes to review this information and 20 mins to conduct external research to help prepare your response
- You should then take approximately 20 minutes to write your response and allot 10 minutes to edit your response and submit your work
- Please also include a citations page to indicate which external sources were used
- All submissions will be made through the CurisConnect website
- You will be evaluated on how well you demonstrate the CURIS Skills and meet the CURIS Knowledge criteria. The last page in your case study package consists of an Evaluation Form whereby the evaluator will allot points for the completion of the case study.
- The points allotted will be based on the depth and detail of your explanation in your response since there are no defined right or wrong answers, but rather we want to see your thinking, research, knowledge and understanding on the situation at hand.
- The amount of points earned will correspond to the amount of volunteer minutes or hours you will earn. The threshold and range for this grading scheme can also be found at the bottom of the Evaluation Form.
- Participants who successfully complete the case study will receive a Certificate of Participation

CURIS SKILLS

- Critical Thinking – Reason effectively and use systems thinking.
- Communication – Communicate clearly.
- Creativity and Innovation – Show evidence of creativity.
- Healthcare Oriented Mindset - Utilizes proper terminology and demonstrates foundational educational understanding in discipline.

CURIS KNOWLEDGE

- Explain the fundamental principles of MRI technology
- Identify factors that influence a patient's decision to undergo an MRI
- Offer creative and well-researched strategies to manage claustrophobia during the procedure

CASE DETAILS

You're an MRI Technician at Radiant Imaging Center. It's known for its technology and commitment for providing accurate results.

Your patient is a 55 year old individual with a history of lower back and leg pain. Your patient came to the center as advised by his physician for an MRI scan. You need to identify any symptoms your patient has that is the cause of the pain. Your patient is concerned about the procedure and wants to know more. You need to explain the purpose of MRI, the benefits and risks of MRI, and how the technology works.

Your patient also has claustrophobia and is uncomfortable being inside the MRI machine. You also need to address his concerns about claustrophobia. Additionally, you should outline any preparations your patient should make before the appointment.

Please also address the following questions in your response:

1. How can you ensure my comfort during the MRI scan, considering my mild claustrophobia?
2. What are some possible causes of the pain and why is MRI the best approach?
3. Are there any specific clothing items or accessories I should avoid wearing on the day of the MRI?

EVALUATION FORM

PARTICIPANT: _____

EVALUATOR: _____

Did the participant:		Below expectations	Meets expectations	Exceeds expectations	Judged score
CURIS KNOWLEDGE					
1	Explanation of the MRI Procedure and Technology.	2	4	6	
2	Personalized Approach to Claustrophobia Management.	2	4	6	
3	Guidance on Preparations, Including Attire Restrictions.	2	4	6	
CURIS SKILLS					
4	Critical Thinking & Problem-Solving	1	2	3	
5	Communication, Terminology & Professionalism	1	2	3	
6	Creativity & Innovation	1	2	3	
7	Healthcare Oriented Mindset	1	2	3	
TOTAL SCORE					

Total Score	Volunteer Minutes
25-30 points	1 hour
20-24 points	45 mins
15-19 points	30 mins
10-14 points	15 mins